Errata: Sediment trap data from the Strait of Georgia, May, 1995, to January, 1999 / by M.C. O'Brien, et al. Canadian data report of hydrography and ocean sciences no. 155.

Please replace pages 29 and 47-56 with the enclosed pages.
Veuillez remplacer les pages 29 et 47-56 avec les pages ci-joint.

Table 6. Summary of data set.

Analysis	Units	Maximum	Minimum	Median	Average	Number
Total weight collected	g/cup	55.2	0.1	2.6	6.3	290
Total dry weight flux	$g/m^2/d$	170.0	0.3	7.0	17.4	290
Organic carbon flux	$mg/m^2/d$	2338.6	15.5	175.5	338.2	290
Total nitrogen flux	$mg/m^2/d$	288.5	2.1	21.6	41.8	290
Carbonate carbon flux	$mg/m^2/d$	563.0	0.0	6.8	21.1	290
Biogenic silica flux	$mg/m^2/d$	5534.0	21.3	296.2	750.0	290
Opal flux	$mg/m^2/d$	13281.7	51.2	711.0	1800.1	290
Carbonate carbon	%	0.930	0.001	0.098	0.110	291
Calcium carbonate	%	7.750	0.008	0.817	0.917	290
Organic carbon	%	19.068	0.708	2.631	3.564	292
Total carbon	%	19.109	0.832	2.725	3.673	292
Total nitrogen	%	2.260	0.089	0.327	0.443	292
Biogenic silica	%	28.056	1.579	4.766	5.661	290
Opal	%	67.335	3.790	11.439	13.585	290
$\delta^{13}C_{organic}$ (vpdb)	ppt	-19.480	-24.165	-21.980	-21.962	280
$\delta^{15}N_{total}$ (vs air)	ppt	9.180	3.540	6.370	6.495	247
CN ratio	weight	12.835	4.108	8.051	8.125	292
CN ratio	atomic	14.968	4.791	9.389	9.475	292

Appendix 2. Flux Data.

STATION	DATE START mm/dd/yy	DATE END mm/dd/yy	CUP #	INTERVAL days	TOTAL DRY WEIGHT g/cup	TOTAL DRY WEIGHT FLUX $g/m^2/d$	ORGANIC CARBON FLUX $mg/m^2/d$	TOTAL NITROGEN FLUX $mg/m^2/d$	CARBONATE CARBON FLUX $mg/m^2/d$	BIOGENIC SILICA FLUX $mg/m^2/d$
GS	5/13/95 0:00	5/23/95 12:00	1	10.50	0.860	2.608	88.21	11.10	1.38	343.97
GS	5/23/95 12:00	6/3/95 0:00	2	10.50	2.182	6.618	348.21	43.63	5.82	534.47
GS	6/3/95 0:00	6/13/95 12:00	3	10.50	2.183	6.623	215.93	31.54	7.28	577.69
GS	6/13/95 12:00	6/24/95 0:00	4	10.50	0.863	2.618	89.98	13.36	0.65	243.39
GS	6/24/95 0:00	9/13/95 18:00	5	81.75	8.876	3.458	111.57	13.74	5.22	280.88
GS	10/2/95 0:00	10/22/95 0:00	1	20.00	2.754	4.385	137.16	18.21	8.24	373.25
GS	10/22/95 0:00	11/11/95 0:00	2	20.00	2.882	4.589	124.04	13.63	4.77	198.29
GS	11/11/95 0:00	12/1/95 0:00	3	20.00	1.676	2.669	81.99	10.24	4.86	138.08
GS	12/1/95 0:00	12/21/95 0:00	4	20.00	1.776	2.828	78.73	8.10	2.74	116.54
GS	12/21/95 0:00	1/10/96 0:00	5	20.00	0.906	1.442	51.29	5.85	2.68	70.40
GS	1/10/96 0:00	1/30/96 0:00	6	20.00	0.895	1.426	49.43	6.09	1.80	71.53
GS	1/30/96 0:00	2/19/96 0:00	7	20.00	1.242	1.977	61.20	8.35	2.37	109.14
GS	2/19/96 0:00	3/10/96 0:00	8	20.00	1.274	2.029	59.25	6.51	3.08	94.75
GS	3/10/96 0:00	3/30/96 0:00	9	20.00	1.992	3.172	102.00	14.53	0.38	470.93
GS	3/30/96 0:00	4/10/96 19:10	10	11.80	2.604	7.029	231.55	31.86	2.95	922.70

Appendix 2. Flux Data.

STATION		DATE START mm/dd/yy	DATE END mm/dd/yy	CUP #	INTERVAL days	TOTAL DRY WEIGHT g/cup	TOTAL DRY WEIGHT FLUX $g/m^2/d$	ORGANIC CARBON FLUX $mg/m^2/d$	TOTAL NITROGEN FLUX $mg/m^2/d$	CARBONATE CARBON FLUX $mg/m^2/d$	BIOGENIC SILICA FLUX $mg/m^2/d$
GSCM4	A	3/4/96 0:00	3/14/96 12:00	1	10.50	0.321	0.975	41.53	5.75	0.95	77.96
GSCM4	A	3/14/96 12:00	3/25/96 0:00	2	10.50	0.103	0.313	15.53	2.08	0.06	63.85
GSCM4	A	3/25/96 0:00	4/4/96 12:00	3	10.50	1.039	3.152	167.42	21.51	4.48	884.32
GSCM4	A	4/4/96 12:00	4/15/96 0:00	4	10.50	0.298	0.902	78.34	10.07	0.81	100.61
GSCM4	A	4/15/96 0:00	4/25/96 12:00	5	10.50	0.339	1.029	73.50	10.06	1.19	76.7
GSCM4	A	4/25/96 12:00	5/6/96 0:00	6	10.50	0.702	2.130	82.54	12.04	1.32	107.71
GSCM4	A	5/6/96 0:00	5/16/96 12:00	7	10.50	0.322	0.978	54.42	7.57	0.37	167.12
GSCM4	A	5/16/96 12:00	5/27/96 0:00	8	10.50	0.449	1.363	107.96	13.28	0.33	246.91
GSCM4	A	5/27/96 0:00	6/6/96 12:00	9	10.50	0.273	0.829	79.26	11.09	0.60	93.28
GSCM4	A	6/6/96 12:00	6/17/96 0:00	10	10.50	0.495	1.502	92.54	12.06	0.75	241.68
GSCM4	B	6/21/96 0:00	6/29/96 0:00	1	8.00	0.482	1.921	184.70	19.75	1.36	121.63
GSCM4	B	6/29/96 0:00	7/7/96 0:00	2	8.00	0.491	1.956	180.79	19.53	1.49	126.34
GSCM4	B	7/7/96 0:00	7/15/96 0:00	3	8.00	0.350	1.395	105.66	13.44	6.00	84.35
GSCM4	B	7/15/96 0:00	7/23/96 0:00	4	8.00	0.345	1.372	174.48	17.18	1.54	53.86
GSCM4	B	7/23/96 0:00	7/31/96 0:00	5	8.00	0.278	1.105	210.78	16.42	0.45	98.29
GSCM4	B	7/31/96 0:00	8/8/96 0:00	6	8.00	0.500	1.989	185.62	19.35	2.35	334.57
GSCM4	B	8/8/96 0:00	8/16/96 0:00	7	8.00	0.278	1.106	122.99	13.07	1.45	168.53
GSCM4	B	8/16/96 0:00	8/24/96 0:00	8	8.00	0.270	1.075	144.51	15.55	0.82	119.37
GSCM4	B	8/24/96 0:00	9/1/96 0:00	9	8.00	0.306	1.217	206.60	22.21	1.13	88.51
GSCM4	B	9/1/96 0:00	9/9/96 0:00	10	8.00	0.248	0.986	126.21	15.68	0.45	82.92
GSCM4	C	9/13/96 0:00	9/28/96 18:00	1	15.75	0.467	0.945	123.20	11.69	2.36	74.60
GSCM4	C	9/28/96 18:00	10/14/96 12:00	2	15.75	0.404	0.817	79.18	8.80	1.42	74.44
GSCM4	C	10/14/96 12:00	10/30/96 6:00	3	15.75	0.503	1.016	76.19	9.33	2.04	62.98
GSCM4	C	10/30/96 6:00	11/15/96 0:00	4	15.75	0.291	0.588	48.91	5.20	0.55	34.65
GSCM4	C	11/15/96 0:00	11/30/96 18:00	5	15.75	0.184	0.371	43.82	4.54	0.33	22.26
GSCM4	C	11/30/96 18:00	12/16/96 12:00	6	15.75	0.238	0.482	28.16	3.32	0.52	24.86
GSCM4	C	12/16/96 12:00	1/1/97 6:00	7	15.75	0.191	0.386	27.50	2.78	0.39	21.35
GSCM4	C	1/1/97 6:00	1/17/97 0:00	8	15.75	0.380	0.768	32.16	3.55	0.74	40.65
GSCM4	C	1/17/97 0:00	2/1/97 18:00	9	15.75	0.254	0.513	27.08	2.80	0.53	29.22
GSCM4	C	2/1/97 18:00	2/17/97 12:00	10	15.75	0.379	0.766	32.99	4.00	0.52	39.66
GSCM4	D	2/21/97 12:00	3/2/97 21:00	1	9.38	0.187	0.636	50.27	6.52	0.40	36.87
GSCM4	D	3/2/97 21:00	3/12/97 6:00	2	9.38	0.140	0.475	44.57	5.99	0.24	61.98
GSCM4	D	3/12/97 6:00	3/21/97 15:00	3	9.38	0.195	0.661	46.77	6.75	0.32	54.22
GSCM4	D	3/21/97 15:00	3/31/97 0:00	4	9.38	0.266	0.903	49.34	7.06	0.45	74.47

Appendix 2. Flux Data.

STATION		DATE START mm/dd/yy	DATE END mm/dd/yy	CUP #	INTERVAL days	TOTAL DRY WEIGHT g/cup	TOTAL DRY WEIGHT FLUX $g/m^2/d$	ORGANIC CARBON FLUX $mg/m^2/d$	TOTAL NITROGEN FLUX $mg/m^2/d$	CARBONATE CARBON FLUX $mg/m^2/d$	BIOGENIC SILICA FLUX $mg/m^2/d$
GSCM4	D	3/31/97 0:00	4/9/97 9:00	5	9.38	0.391	1.330	66.67	9.44	1.52	119.50
GSCM4	D	4/9/97 9:00	4/18/97 18:00	6	9.38	0.240	0.814	61.05	8.82	0.02	132.00
GSCM4	D	4/18/97 18:00	4/28/97 3:00	7	9.38	0.458	1.556	105.40	14.00	0.02	302.44
GSCM4	D	4/28/97 3:00	5/7/97 12:00	8	9.38	0.332	1.127	84.77	12.30	0.38	164.39
GSCM4	D	5/7/97 12:00	5/16/97 21:00	9	9.38	0.492	1.670	111.98	16.77	0.25	228.59
GSCM4	D	5/16/97 21:00	5/26/97 6:00	10	9.38	0.277	0.942	121.67	21.28	0.81	113.61
GSCM4	E	5/31/97 0:00	6/12/97 12:00	1	12.50	0.865	2.204	145.45	19.78	1.79	235.96
GSCM4	E	6/12/97 12:00	6/25/97 0:00	2	12.50	0.564	1.438	120.71	17.93	4.69	83.47
GSCM4	E	6/25/97 0:00	7/7/97 12:00	3	12.50	1.035	2.636	112.07	15.15	0.21	123.83
GSCM4	E	7/7/97 12:00	7/20/97 0:00	4	12.50	1.731	4.410	126.85	16.54	2.73	185.00
GSCM4	E	7/20/97 0:00	8/1/97 12:00	5	12.50	0.910	2.319	186.70	23.52	0.46	123.66
GSCM4	E	8/1/97 12:00	8/14/97 0:00	6	12.50	0.576	1.468	67.77	8.26	1.70	64.06
GSCM4	E	8/14/97 0:00	8/26/97 12:00	7	12.50	0.584	1.488	140.34	16.78	1.07	121.25
GSCM4	E	8/26/97 12:00	9/8/97 0:00	8	12.50	0.553	1.408	127.15	14.78	0.80	87.85
GSCM4	E	9/8/97 0:00	9/20/97 12:00	9	12.50	0.474	1.208	123.27	14.70	1.09	61.81
GSCM4	E	9/20/97 12:00	10/3/97 0:00	10	12.50	0.443	1.130	117.91	14.47	0.53	58.18
GSCM4	F	10/6/97 0:00	10/18/97 18:00	1	12.75	0.404	1.009	52.16	7.45	0.33	40.50
GSCM4	F	10/18/97 18:00	10/31/97 12:00	2	12.75	0.353	0.883	43.43	5.88	0.58	45.55
GSCM4	F	10/31/97 12:00	11/13/97 6:00	3	12.75	0.475	1.186	43.81	5.57	0.83	55.81
GSCM4	F	11/13/97 6:00	11/26/97 0:00	4	12.75	0.467	1.167	40.63	4.99	0.63	63.46
GSCM4	F	11/26/97 0:00	12/8/97 18:00	5	12.75	0.544	1.359	61.49	8.33	0.56	64.87
GSCM4	F	12/8/97 18:00	12/21/97 12:00	6	12.75	0.607	1.516	49.32	6.38	0.77	75.65
GSCM4	F	12/21/97 12:00	1/3/98 6:00	7	12.75	0.441	1.101	52.68	7.97	0.77	46.98
GSCM4	F	1/3/98 6:00	1/16/98 0:00	8	12.75	0.314	0.783	33.57	4.37	0.63	39.63
GSCM4	F	1/16/98 0:00	1/28/98 18:00	9	12.75	0.302	0.755	33.68	4.81	0.75	35.25
GSCM4	F	1/28/98 18:00	2/10/98 12:00	10	12.75	0.324	0.808	43.70	6.01	0.22	40.48

Appendix 2. Flux Data.

STATION		DATE START mm/dd/yy	DATE END mm/dd/yy	CUP #	INTERVAL days	TOTAL DRY WEIGHT g/cup	TOTAL DRY WEIGHT FLUX g/m^2/d	ORGANIC CARBON FLUX mg/m^2/d	TOTAL NITROGEN FLUX mg/m^2/d	CARBONATE CARBON FLUX mg/m^2/d	BIOGENIC SILICA FLUX mg/m^2/d
GSCM3	A	3/4/96 0:00	3/14/96 12:00	1	10.50	0.989	2.999	83.32	9.98	3.33	211.07
GSCM3	A	3/14/96 12:00	3/25/96 0:00	2	10.50	2.992	9.076	162.61	22.95	6.35	811.38
GSCM3	A	3/25/96 0:00	4/4/96 12:00	3	10.50	3.458	10.488	657.16	78.35	7.76	1213.41
GSCM3	A	4/4/96 12:00	4/15/96 0:00	4	10.50	1.897	5.755	109.28	13.62	3.34	427.21
GSCM3	A	4/15/96 0:00	4/25/96 12:00	5	10.50	2.936	8.906	111.07	13.83	7.39	362.20
GSCM3	A	4/25/96 12:00	5/6/96 0:00	6	10.50	7.051	21.385	306.27	38.88	17.11	444.88
GSCM3	A	5/6/96 0:00	5/16/96 12:00	7	10.50	5.947	18.037	127.63	16.01	22.37	432.59
GSCM3	A	5/16/96 12:00	5/27/96 0:00	8	10.50	7.343	22.273	212.02	39.03	27.84	434.12
GSCM3	A	5/27/96 0:00	6/6/96 12:00	9	10.50	6.709	20.348	201.37	22.27	25.84	389.90
GSCM3	A	6/6/96 12:00	6/17/96 0:00	10	10.50	4.170	12.649	216.19	31.22	18.34	483.49
GSCM3	B	6/21/96 0:00	6/29/96 0:00	1	8.00	2.489	9.909	153.88	16.97	14.86	217.17
GSCM3	B	6/29/96 0:00	7/7/96 0:00	2	8.00	1.594	6.344	164.85	21.46	7.04	220.75
GSCM3	B	7/7/96 0:00	7/15/96 0:00	3	8.00	0.985	3.921	118.73	14.50	8.59	137.04
GSCM3	B	7/15/96 0:00	7/23/96 0:00	4	8.00	2.965	11.804	224.99	30.12	12.28	330.11
GSCM3	B	7/23/96 0:00	7/31/96 0:00	5	8.00	0.811	3.228	122.34	16.84	4.49	108.73
GSCM3	B	7/31/96 0:00	8/8/96 0:00	6	8.00	1.600	6.370	195.60	25.78	5.41	343.74
GSCM3	B	8/8/96 0:00	8/16/96 0:00	7	8.00	1.407	5.602	163.95	24.66	9.80	208.69
GSCM3	B	8/16/96 0:00	8/24/96 0:00	8	26.38	2.400	2.898	145.67	16.17	2.84	172.97
GSCM3	C	9/13/96 0:00	9/28/96 18:00	1	15.75	0.785	1.587	105.14	11.48	2.54	108.09
GSCM3	C	9/28/96 18:00	10/14/96 12:00	2	15.75	0.713	1.442	86.04	10.15	1.69	110.02
GSCM3	C	10/14/96 12:00	10/30/96 6:00	3	15.75	1.431	2.894	89.71	10.56	4.48	112.99
GSCM3	C	10/30/96 6:00	11/15/96 0:00	4	15.75	1.550	3.133	70.77	8.19	4.36	107.36
GSCM3	C	11/15/96 0:00	11/30/96 18:00	5	15.75	3.601	7.282	132.23	15.10	15.51	169.66
GSCM3	C	11/30/96 18:00	12/16/96 12:00	6	15.75	4.033	8.155	143.92	15.62	15.90	217.67
GSCM3	C	12/16/96 12:00	1/1/97 6:00	7	15.75	1.621	3.279	77.94	8.71	7.15	129.98
GSCM3	C	1/1/97 6:00	1/17/97 0:00	8	15.75	4.186	8.465	146.11	15.73	16.08	221.35
GSCM3	C	1/17/97 0:00	2/1/97 18:00	9	15.75	5.683	11.492	211.99	22.59	19.65	329.31
GSCM3	C	2/1/97 18:00	2/17/97 12:00	10	15.75	5.850	11.830	176.54	17.22	16.21	210.65
GSCM3	D	2/21/97 12:00	3/2/97 21:00	1	9.38	0.592	2.011	70.90	8.93	1.77	85.74
GSCM3	D	3/2/97 21:00	3/12/97 6:00	2	9.38	2.879	9.779	187.79	20.88	13.59	260.44
GSCM3	D	3/12/97 6:00	3/21/97 15:00	3	9.38	2.552	8.670	212.65	25.37	8.41	357.19
GSCM3	D	3/21/97 15:00	3/31/97 0:00	4	9.38	1.418	4.818	116.89	13.84	2.75	281.62
GSCM3	D	3/31/97 0:00	4/9/97 9:00	5	9.38	1.418	4.817	89.90	10.98	6.07	178.42
GSCM3	D	4/9/97 9:00	4/18/97 18:00	6	9.38	3.166	10.756	260.37	34.92	8.07	704.89

Appendix 2. Flux Data.

STATION		DATE START mm/dd/yy	DATE END mm/dd/yy	CUP #	INTERVAL days	TOTAL DRY WEIGHT g/cup	TOTAL DRY WEIGHT FLUX $g/m^2/d$	ORGANIC CARBON FLUX $mg/m^2/d$	TOTAL NITROGEN FLUX $mg/m^2/d$	CARBONATE CARBON FLUX $mg/m^2/d$	BIOGENIC SILICA FLUX $mg/m^2/d$
GSCM3	D	4/18/97 18:00	4/28/97 3:00	7	9.38	1.047	3.556	140.77	22.13	1.96	394.54
GSCM3	D	4/28/97 3:00	5/7/97 12:00	8	9.38	8.056	27.366	361.00	44.07	26.27	847.23
GSCM3	D	5/7/97 12:00	5/16/97 21:00	9	9.38	8.636	29.337	390.18	48.29	24.64	1179.67
GSCM3	D	5/16/97 21:00	5/26/97 6:00	10	9.38	26.980	91.652	808.37	95.09	183.30	1447.34
GSCM3	E	5/31/97 0:00	6/12/97 12:00	1	12.50	14.876	37.900	391.44	45.64	23.88	1006.38
GSCM3	E	6/12/97 12:00	6/25/97 0:00	2	12.50	15.097	38.463	411.65	56.53	31.54	782.96
GSCM3	E	6/25/97 0:00	7/7/97 12:00	3	12.50	5.946	15.150	191.41	23.94	19.85	519.08
GSCM3	E	7/7/97 12:00	7/20/97 0:00	4	12.50	3.717	9.471	161.72	19.47	7.77	327.16
GSCM3	E	7/20/97 0:00	8/1/97 12:00	5	12.50	11.476	29.237	273.13	34.54	53.50	543.55
GSCM3	E	8/1/97 12:00	8/14/97 0:00	6	12.50	2.458	6.263	176.92	21.67	8.02	172.87
GSCM3	E	8/14/97 0:00	8/26/97 12:00	7	12.50	2.938	7.484	245.12	28.15	8.53	337.99
GSCM3	E	8/26/97 12:00	9/8/97 0:00	8	12.50	3.918	9.982	243.63	27.19	10.38	309.41
GSCM3	E	9/8/97 0:00	9/20/97 12:00	9	12.50	2.238	5.702	198.98	25.28	5.87	201.27
GSCM3	E	9/20/97 12:00	10/3/97 0:00	10	12.50	3.017	7.686	235.19	27.51	8.15	302.60
GSCM3	F	10/6/97 0:00	10/18/97 18:00	1	12.75	4.601	11.492	191.04	21.51	11.61	228.79
GSCM3	F	10/18/97 18:00	10/31/97 12:00	2	12.75	4.288	10.712	164.09	21.34	19.28	221.47
GSCM3	F	10/31/97 12:00	11/13/97 6:00	3	12.75	1.360	3.396	88.48	10.71	3.23	147.95
GSCM3	F	11/13/97 6:00	11/26/97 0:00	4	12.75	5.079	12.686	178.26	21.95	14.46	286.06
GSCM3	F	11/26/97 0:00	12/8/97 18:00	5	12.75	2.990	7.469	172.08	22.17	6.20	274.16
GSCM3	F	12/8/97 18:00	12/21/97 12:00	6	12.75	5.567	13.905	222.17	23.04	20.72	352.73
GSCM3	F	12/21/97 12:00	1/3/98 6:00	7	12.75	4.726	11.805	201.27	21.70	11.57	330.07
GSCM3	F	1/3/98 6:00	1/16/98 0:00	8	12.75	4.464	11.150	168.18	17.97	15.05	268.66
GSCM3	F	1/16/98 0:00	1/28/98 18:00	9	12.75	3.210	8.019	142.19	16.57	6.25	175.31
GSCM3	F	1/28/98 18:00	2/10/98 12:00	10	12.75	9.018	22.526	328.69	33.28	27.93	487.81

Appendix 2. Flux Data.

STATION		DATE START mm/dd/yy	DATE END mm/dd/yy	CUP #	INTERVAL days	TOTAL DRY WEIGHT g/cup	TOTAL DRY WEIGHT FLUX $g/m^2/d$	ORGANIC CARBON FLUX $mg/m^2/d$	TOTAL NITROGEN FLUX $mg/m^2/d$	CARBONATE CARBON FLUX $mg/m^2/d$	BIOGENIC SILICA FLUX $mg/m^2/d$
GSCM2	A	3/4/96 0:00	3/14/96 12:00	1	10.50	11.223	34.039	694.91	75.78	16.68	1578.23
GSCM2	A	3/14/96 12:00	3/25/96 0:00	2	10.50	12.585	38.171	711.40	87.44	7.63	2285.72
GSCM2	A	3/25/96 0:00	4/4/96 12:00	3	10.50	16.198	49.130	714.25	81.43	37.83	2206.89
GSCM2	A	4/4/96 12:00	4/15/96 0:00	4	10.50	15.152	45.958	736.47	91.91	22.06	2097.47
GSCM2	A	4/15/96 0:00	4/25/96 12:00	5	10.50	10.158	30.810	632.26	66.00	25.57	1510.58
GSCM2	A	4/25/96 12:00	5/6/96 0:00	6	10.50	7.862	23.846	434.33	52.26	20.75	1017.20
GSCM2	A	5/6/96 0:00	5/16/96 12:00	7	10.50	30.871	93.634	1419.96	164.57	98.32	4042.95
GSCM2	A	5/16/96 12:00	5/27/96 0:00	8	10.50	19.457	59.014	1055.23	131.06	31.87	2373.73
GSCM2	A	5/27/96 0:00	6/6/96 12:00	9	10.50	20.800	63.088	1042.84	143.38	71.29	2650.35
GSCM2	A	6/6/96 12:00	6/17/96 0:00	10	10.50	9.992	30.306	470.92	63.36	14.85	1594.30
GSCM2	B	6/21/96 0:00	6/29/96 0:00	1	8.00	42.706	170.008	2338.63	288.52	256.71	5239.06
GSCM2	B	6/29/96 0:00	7/7/96 0:00	2	8.00	12.546	49.946	843.29	102.51	50.94	2617.74
GSCM2	B	7/7/96 0:00	7/15/96 0:00	3	8.00	16.492	65.653	1203.87	169.59	64.34	2534.86
GSCM2	B	7/15/96 0:00	7/23/96 0:00	4	8.00	18.134	72.189	990.08	144.12	60.64	2517.03
GSCM2	B	7/23/96 0:00	7/31/96 0:00	5	8.00	20.306	80.838	1161.96	112.49	69.52	2114.29
GSCM2	B	7/31/96 0:00	8/8/96 0:00	6	8.00	15.207	60.538	586.85	142.85	563.00	2696.99
GSCM2	B	8/8/96 0:00	8/16/96 0:00	7	8.00	5.927	23.596	592.34	81.41	32.56	1331.17
GSCM2	B	8/16/96 0:00	8/24/96 0:00	8	8.00	13.340	53.103	936.42	128.73	61.07	2367.38
GSCM2	B	8/24/96 0:00	9/1/96 0:00	9	8.00	8.015	31.906	735.88	96.39	44.99	1520.93
GSCM2	B	9/1/96 0:00	9/9/96 0:00	10	8.00						
GSCM2	C	9/13/96 0:00	9/28/96 18:00	1	15.75	15.986	32.324	676.34	78.86	39.76	1348.91
GSCM2	C	9/28/96 18:00	10/14/96 12:00	2	15.75	16.157	32.669	533.74	63.23	38.22	1556.53
GSCM2	C	10/14/96 12:00	10/30/96 6:00	3	15.75	13.439	27.175	520.97	60.47	29.62	1433.50
GSCM2	C	10/30/96 6:00	11/15/96 0:00	4	15.75	35.386	71.553	1128.53	134.72	92.30	2602.78
GSCM2	C	11/15/96 0:00	11/30/96 18:00	5	15.75	44.631	90.246	1623.14	189.80	107.39	3833.52
GSCM2	C	11/30/96 18:00	12/16/96 12:00	6	15.75	16.934	34.242	641.26	73.11	33.56	1022.94
GSCM2	C	12/16/96 12:00	1/1/97 6:00	7	15.75	25.729	52.025	1015.64	118.42	55.15	2468.06
GSCM2	C	1/1/97 6:00	1/17/97 0:00	8	15.75	23.412	47.340	946.27	105.71	59.17	1683.03
GSCM2	C	1/17/97 0:00	2/1/97 18:00	9	15.75	31.221	63.131	1502.37	166.76	51.14	2872.50
GSCM2	C	2/1/97 18:00	2/17/97 12:00	10	15.75	24.723	49.992	1119.37	122.88	44.99	2176.23
GSCM2	D	2/21/97 12:00	3/2/97 21:00	1	9.38	15.976	54.270	1204.92	134.90	66.21	3074.63
GSCM2	D	3/2/97 21:00	3/12/97 6:00	2	9.38	21.909	74.425	1479.13	171.67	98.61	2833.54
GSCM2	D	3/12/97 6:00	3/21/97 15:00	3	9.38	11.753	39.924	936.22	108.80	50.30	2029.91
GSCM2	D	3/21/97 15:00	3/31/97 0:00	4	9.38	9.343	31.738	768.26	89.08	30.47	1619.61

Appendix 2. Flux Data.

STATION		DATE START mm/dd/yy	DATE END mm/dd/yy	CUP #	INTERVAL days	TOTAL DRY WEIGHT g/cup	TOTAL DRY WEIGHT FLUX $g/m^2/d$	ORGANIC CARBON FLUX $mg/m^2/d$	TOTAL NITROGEN FLUX $mg/m^2/d$	CARBONATE CARBON FLUX $mg/m^2/d$	BIOGENIC SILICA FLUX $mg/m^2/d$
GSCM2	D	3/31/97 0:00	4/9/97 9:00	5	9.38	16.837	57.196	1185.05	134.10	68.64	2608.54
GSCM2	D	4/9/97 9:00	4/18/97 18:00	6	9.38	16.023	54.429	1170.13	143.41	55.52	3162.12
GSCM2	D	4/18/97 18:00	4/28/97 3:00	7	9.38	18.049	61.312	1050.41	127.39	72.35	2774.38
GSCM2	D	4/28/97 3:00	5/7/97 12:00	8	9.38	8.770	29.793	743.73	95.03	29.20	2005.99
GSCM2	D	5/7/97 12:00	5/16/97 21:00	9	9.38	16.174	54.944	1193.12	148.24	58.24	3501.81
GSCM2	D	5/16/97 21:00	5/26/97 6:00	10	9.38	29.845	101.385	1715.52	211.98	129.77	4021.75
GSCM2	E	5/31/97 0:00	6/12/97 12:00	1	12.50	21.801	55.544	908.10	122.98	77.21	4528.41
GSCM2	E	6/12/97 12:00	6/25/97 0:00	2	12.50	25.521	65.022	1107.98	159.92	96.88	2905.37
GSCM2	E	6/25/97 0:00	7/7/97 12:00	3	12.50	38.744	98.711	1674.12	215.68	133.26	5534.04
GSCM2	E	7/7/97 12:00	7/20/97 0:00	4	12.50	18.659	47.538	835.22	112.33	65.60	2038.69
GSCM2	E	7/20/97 0:00	8/1/97 12:00	5	12.50	31.451	80.129	1221.38	157.64	114.58	3973.02
GSCM2	E	8/1/97 12:00	8/14/97 0:00	6	12.50	20.771	52.920	916.04	119.20	54.51	2248.05
GSCM2	E	8/14/97 0:00	8/26/97 12:00	7	12.50	16.619	42.342	748.67	100.49	59.28	1909.48
GSCM2	E	8/26/97 12:00	9/8/97 0:00	8	12.50	10.562	26.911	549.80	64.34	32.29	1107.88
GSCM2	E	9/8/97 0:00	9/20/97 12:00	9	12.50	16.860	42.955	724.99	87.18	71.31	1994.27
GSCM2	E	9/20/97 12:00	10/3/97 0:00	10	12.50	12.069	30.749	716.94	90.89	20.29	1341.48
GSCM2	F	10/6/97 0:00	10/18/97 18:00	1	12.75	14.318	35.763	734.50	88.05	29.68	1389.02
GSCM2	F	10/18/97 18:00	10/31/97 12:00	2	12.75	29.031	72.514	1342.16	165.83	84.12	2743.07
GSCM2	F	10/31/97 12:00	11/13/97 6:00	3	12.75	23.140	57.800	1057.36	128.01	60.11	2198.65
GSCM2	F	11/13/97 6:00	11/26/97 0:00	4	12.75	53.119	132.682	2031.82	241.59	156.56	4251.04
GSCM2	F	11/26/97 0:00	12/8/97 18:00	5	12.75	29.668	74.104	1352.10	166.22	72.62	2897.27
GSCM2	F	12/8/97 18:00	12/21/97 12:00	6	12.75	41.351	103.286	1415.02	177.92	127.04	3743.52
GSCM2	F	12/21/97 12:00	1/3/98 6:00	7	12.75	37.376	93.358	1496.73	178.43	85.89	2975.61
GSCM2	F	1/3/98 6:00	1/16/98 0:00	8	12.75	55.174	137.814	2003.74	247.40	161.24	4056.39
GSCM2	F	1/16/98 0:00	1/28/98 18:00	9	12.75	20.869	52.127	892.35	111.19	58.90	1870.44
GSCM2	F	1/28/98 18:00	2/10/98 12:00	10	12.75	35.027	87.490	1570.44	201.42	108.49	2816.87

Appendix 2. Flux Data.

STATION	DATE START mm/dd/yy	DATE END mm/dd/yy	CUP #	INTERVAL days	TOTAL DRY WEIGHT g/cup	TOTAL DRY WEIGHT FLUX $g/m^2/d$	ORGANIC CARBON FLUX $mg/m^2/d$	TOTAL NITROGEN FLUX $mg/m^2/d$	CARBONATE CARBON FLUX $mg/m^2/d$	BIOGENIC SILICA FLUX $mg/m^2/d$
GSCM3-G-150	2/14/98 0:00	2/24/98 18:00	1	10.75	2.659	7.877	177.29	16.78	6.46	204.40
GSCM3-G-150	2/24/98 18:00	3/7/98 12:00	2	10.75	5.491	16.267	348.95	36.98	12.53	571.08
GSCM3-G-150	3/7/98 12:00	3/18/98 6:00	3	10.75	5.218	15.457	426.12	53.28	12.98	1032.54
GSCM3-G-150	3/18/98 6:00	3/29/98 0:00	4	10.75	3.931	11.646	395.70	54.50	7.10	1187.27
GSCM3-G-150	3/29/98 0:00	4/8/98 18:00	5	10.75	3.732	11.055	273.33	31.15	5.75	741.01
GSCM3-G-150	4/8/98 18:00	4/19/98 12:00	6	10.75	2.530	7.496	254.99	29.48	6.75	552.39
GSCM3-G-150	4/19/98 12:00	4/30/98 6:00	7	10.75	2.272	6.730	208.90	25.96	5.85	518.55
GSCM3-G-150	4/30/98 6:00	5/11/98 0:00	8	10.75	3.488	10.332	195.89	23.79	6.20	512.00
GSCM3-G-150	5/11/98 0:00	5/21/98 18:00	9	10.75	4.027	11.930	282.57	34.69	7.87	624.37
GSCM3-G-150	5/21/98 18:00	5/31/1998 13:25	10	9.809						
GSCM3-H-150	6/2/98 0:00	6/14/98 6:00	1	12.25	4.389	11.411	270.42	32.44	20.20	708.90
GSCM3-H-150	6/14/98 6:00	6/26/98 12:00	2	12.25	2.793	7.261	133.21	16.99	23.09	255.90
GSCM3-H-150	6/26/98 12:00	7/8/98 18:00	3	12.25	1.845	4.795	110.45	14.90	11.65	151.53
GSCM3-H-150	7/8/98 18:00	7/21/98 0:00	4	12.25	2.550	6.630	170.85	22.27	8.62	279.52
GSCM3-H-150	7/21/98 0:00	8/2/98 6:00	5	12.25	1.516	3.941	124.09	16.96	5.68	151.44
GSCM3-H-150	8/2/98 6:00	8/14/98 12:00	6	12.25	2.045	5.316	162.95	21.70	7.18	228.40
GSCM3-H-150	8/14/98 12:00	8/26/98 18:00	7	12.25	0.794	2.064	100.97	14.27	6.81	140.82
GSCM3-H-150	8/26/98 18:00	9/8/98 0:00	8	12.25	0.352	0.914	58.51	8.42	2.50	81.46
GSCM3-H-150	9/8/98 0:00	9/20/98 6:00	9	12.25	0.545	1.416	73.32	10.49	4.59	120.51
GSCM3-H-150	9/20/98 6:00	10/2/98 12:00	10	12.25	0.218	0.566	42.47	6.28	1.53	51.32
GSCM3-I-150	10/4/98 0:00	10/14/98 18:00	1	10.750	0.840	2.488	101.48	13.42	7.41	116.24
GSCM3-I-150	10/14/98 18:00	10/25/98 12:00	2	10.750	0.643	1.906	71.91	9.25	4.82	98.77
GSCM3-I-150	10/25/98 12:00	11/5/98 6:00	3	10.750	0.648	1.921	81.96	11.14	2.88	144.51
GSCM3-I-150	11/5/98 6:00	11/16/98 0:00	4	10.750	1.217	3.604	95.27	12.33	7.39	146.61
GSCM3-I-150	11/16/98 0:00	11/26/98 18:00	5	10.750	2.174	6.439	135.21	15.00	7.86	207.52
GSCM3-I-150	11/26/98 18:00	12/7/98 12:00	6	10.750	1.948	5.770	90.64	9.02	6.81	138.95
GSCM3-I-150	12/7/98 12:00	12/18/98 6:00	7	10.750	2.962	8.774	154.13	15.83	8.69	213.65
GSCM3-I-150	12/18/98 6:00	12/29/98 0:00	8	10.750	1.128	3.342	83.76	10.06	3.94	118.11
GSCM3-I-150	12/29/98 0:00	1/8/99 18:00	9	10.750	2.095	6.206	120.29	13.02	3.97	183.91
GSCM3-I-150	1/8/99 18:00	1/19/99 12:00	10	10.750	3.848	11.401	227.99	24.58	7.52	357.90

Appendix 2. Flux Data.

STATION	DATE START mm/dd/yy	DATE END mm/dd/yy	CUP #	INTERVAL days	TOTAL DRY WEIGHT g/cup	TOTAL DRY WEIGHT FLUX $g/m^2/d$	ORGANIC CARBON FLUX $mg/m^2/d$	TOTAL NITROGEN FLUX $mg/m^2/d$	CARBONATE CARBON FLUX $mg/m^2/d$	BIOGENIC SILICA FLUX $mg/m^2/d$
GSCM3-G-225	2/14/98 0:00	2/24/98 18:00	1	10.75	1.640	4.858	121.93	14.02	3.40	166.37
GSCM3-G-225	2/24/98 18:00	3/7/98 12:00	2	10.75	1.581	4.682	107.89	11.67	3.51	198.95
GSCM3-G-225	3/7/98 12:00	3/18/98 6:00	3	10.75	2.540	7.524	234.55	30.83	3.99	484.06
GSCM3-G-225	3/18/98 6:00	3/29/98 0:00	4	10.75	2.899	8.588	272.27	35.94	4.90	791.34
GSCM3-G-225	3/29/98 0:00	4/8/98 18:00	5	10.75	1.814	5.373	146.29	16.91	3.22	286.57
GSCM3-G-225	4/8/98 18:00	4/19/98 12:00	6	10.75	2.122	6.286	203.39	25.58	4.02	436.20
GSCM3-G-225	4/19/98 12:00	4/30/98 6:00	7	10.75	1.283	3.801	127.05	16.23	2.28	258.83
GSCM3-G-225	4/30/98 6:00	5/11/98 0:00	8	10.75	2.622	7.769	183.56	23.71	3.50	336.81
GSCM3-G-225	5/11/98 0:00	5/21/98 18:00	9	10.75	1.436	4.254	164.68	29.10	3.66	251.61
GSCM3-G-225	5/21/98 18:00	5/31/1998 13:25	10	9.809	1.113	3.612	102.95	16.28	3.72	222.78
GSCM3-H-225	6/2/98 0:00	6/14/98 6:00	1	12.25	4.882	12.692	245.36	30.18	17.13	848.25
GSCM3-H-225	6/14/98 6:00	6/26/98 12:00	2	12.25	3.013	7.834	149.58	19.71	18.68	345.25
GSCM3-H-225	6/26/98 12:00	7/8/98 18:00	3	12.25	2.304	5.990	124.81	15.80	7.61	220.98
GSCM3-H-225	7/8/98 18:00	7/21/98 0:00	4	12.25	2.831	7.361	176.50	23.25	13.91	327.91
GSCM3-H-225	7/21/98 0:00	8/2/98 6:00	5	12.25	1.963	5.104	159.67	22.21	5.10	272.57
GSCM3-H-225	8/2/98 6:00	8/14/98 12:00	6	12.25	2.580	6.706	189.32	23.54	7.51	325.91
GSCM3-H-225	8/14/98 12:00	8/26/98 18:00	7	12.25	1.411	3.668	124.12	16.10	5.43	226.68
GSCM3-H-225	8/26/98 18:00	9/8/98 0:00	8	12.25	0.892	2.318	83.37	10.63	3.94	191.84
GSCM3-H-225	9/8/98 0:00	9/20/98 6:00	9	12.25	1.395	3.626	145.97	22.54	5.80	248.29
GSCM3-H-225	9/20/98 6:00	10/2/98 12:00	10	12.25	0.815	2.120	98.76	13.67	4.96	171.80
GSCM3-I-225	10/4/98 0:00	10/14/98 18:00	1	10.750	1.241	3.675	98.13	12.07	2.21	172.00
GSCM3-I-225	10/14/98 18:00	10/25/98 12:00	2	10.750	0.994	2.945	97.19	12.27	3.77	153.73
GSCM3-I-225	10/25/98 12:00	11/5/98 6:00	3	10.750	0.886	2.624	93.04	11.64	1.81	165.28
GSCM3-I-225	11/5/98 6:00	11/16/98 0:00	4	10.750	1.393	4.126	121.87	14.63	2.56	177.58
GSCM3-I-225	11/16/98 0:00	11/26/98 18:00	5	10.750	2.249	6.662	144.28	16.30	6.00	254.79
GSCM3-I-225	11/26/98 18:00	12/7/98 12:00	6	10.750	3.493	10.348	173.04	18.61	9.21	276.42
GSCM3-I-225	12/7/98 12:00	12/18/98 6:00	7	10.750	3.369	9.981	184.72	18.16	7.29	290.02
GSCM3-I-225	12/18/98 6:00	12/29/98 0:00	8	10.750	1.554	4.604	101.32	10.96	3.27	186.64
GSCM3-I-225	12/29/98 0:00	1/8/99 18:00	9	10.750	3.591	10.638	198.12	19.46	8.19	351.71
GSCM3-I-225	1/8/99 18:00	1/19/99 12:00	10	10.750	3.376	10.000	199.32	21.89	7.10	339.67

Appendix 2. Flux Data.

STATION	DATE START mm/dd/yy	DATE END mm/dd/yy	CUP #	INTERVAL days	TOTAL DRY WEIGHT g/cup	TOTAL DRY WEIGHT FLUX $g/m^2/d$	ORGANIC CARBON FLUX $mg/m^2/d$	TOTAL NITROGEN FLUX $mg/m^2/d$	CARBONATE CARBON FLUX $mg/m^2/d$	BIOGENIC SILICA FLUX $mg/m^2/d$
GSCM3-G-300	2/14/98 0:00	2/24/98 18:00	1	10.75	3.425	10.146	213.24	24.20	9.13	395.99
GSCM3-G-300	2/24/98 18:00	3/7/98 12:00	2	10.75	3.619	10.722	234.14	27.23	12.97	405.93
GSCM3-G-300	3/7/98 12:00	3/18/98 6:00	3	10.75	4.055	12.014	340.79	44.52	9.13	708.80
GSCM3-G-300	3/18/98 6:00	3/29/98 0:00	4	10.75	4.811	14.253	462.76	64.02	9.55	1241.96
GSCM3-G-300	3/29/98 0:00	4/8/98 18:00	5	10.75	3.839	11.373	302.37	39.50	7.05	606.47
GSCM3-G-300	4/8/98 18:00	4/19/98 12:00	6	10.75	3.017	8.937	259.81	34.29	8.94	614.89
GSCM3-G-300	4/19/98 12:00	4/30/1998 6:00	7	10.75	2.349	6.960	195.58	26.05	4.38	436.04
GSCM3-G-300	4/30/98 6:00	5/11/1998 0:00	8	10.75	3.667	10.864	236.90	31.25	8.26	455.58
GSCM3-G-300	5/11/98 0:00	5/21/1998 18:00	9	10.75	2.348	6.956	172.88	23.73	5.50	352.40
GSCM3-G-300	5/21/98 18:00	5/31/1998 13:25	10	9.809	0.918	2.980	80.18	12.22	2.00	171.70
GSCM3-H-300	6/2/98 0:00	6/14/98 6:00	1	12.25	6.272	16.305	329.78	40.05	18.75	1099.92
GSCM3-H-300	6/14/98 6:00	6/26/98 12:00	2	12.25	3.455	8.982	209.25	27.16	14.55	440.64
GSCM3-H-300	6/26/98 12:00	7/8/98 18:00	3	12.25	2.981	7.750	192.12	25.45	7.75	280.43
GSCM3-H-300	7/8/98 18:00	7/21/98 0:00	4	12.25	3.227	8.390	205.44	26.22	7.63	356.54
GSCM3-H-300	7/21/98 0:00	8/2/98 6:00	5	12.25	2.825	7.345	203.46	26.26	5.14	388.61
GSCM3-H-300	8/2/98 6:00	8/14/98 12:00	6	12.25	3.237	8.415	221.16	27.97	10.69	392.37
GSCM3-H-300	8/14/98 12:00	8/26/98 18:00	7	12.25	2.457	6.388	180.54	23.01	7.86	366.26
GSCM3-H-300	8/26/98 18:00	9/8/98 0:00	8	12.25	1.784	4.639	134.86	17.54	6.22	317.59
GSCM3-H-300	9/8/98 0:00	9/20/98 6:00	9	12.25	3.047	7.922	209.25	26.59	9.59	468.73
GSCM3-H-300	9/20/98 6:00	10/2/98 12:00	10	12.25	2.317	6.025	187.65	24.57	6.81	408.26
GSCM3-I-300	10/4/98 0:00	10/14/98 18:00	1	10.750	3.361	9.956	242.25	27.97	6.67	625.49
GSCM3-I-300	10/14/98 18:00	10/25/98 12:00	2	10.750	2.839	8.412	237.88	28.85	6.06	519.42
GSCM3-I-300	10/25/98 12:00	11/5/98 6:00	3	10.750	2.797	8.286	235.54	27.15	5.05	633.33
GSCM3-I-300	11/5/98 6:00	11/16/98 0:00	4	10.750	4.529	13.418	311.15	35.11	8.99	643.71
GSCM3-I-300	11/16/98 0:00	11/26/98 18:00	5	10.750	4.243	12.571	281.07	32.04	9.30	529.30
GSCM3-I-300	11/26/98 18:00	12/7/98 12:00	6	10.750	6.225	18.441	300.02	33.70	23.97	680.38
GSCM3-I-300	12/7/98 12:00	12/18/98 6:00	7	10.750	4.769	14.129	262.67	29.99	12.43	467.88
GSCM3-I-300	12/18/98 6:00	12/29/98 0:00	8	10.750	3.160	9.362	209.89	23.08	5.34	360.98
GSCM3-I-300	12/29/98 0:00	1/8/99 18:00	9	10.750	5.780	17.123	368.11	42.78	10.96	640.93
GSCM3-I-300	1/8/99 18:00	1/19/99 12:00	10	10.750	4.508	13.354	290.81	32.76	10.02	474.19